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File: DWPI

Oct 10, 1996

DERWENT-ACC-NO: 1996-456177

DERWENT-WEEK: 199840

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TITLE: Transport and/or storage container for radioactive material - with
heatable insulated inner container within outer container to allow thermal
treatment of charge

INVENTOR: BLENSKI, H; ENGELAGE, H

PATENT-ASSIGNEE:

ASSIGNEE

CODE

GNS GES NUKLEAR SERVICE MBH

GNSNN

PRIORITY-DATA: 1995DE-1012574 (April 4, 1995)

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PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> DE 19512574 A1	October 10, 1996		004	G21F005/00
<input type="checkbox"/> DE 19512574 C2	September 10, 1998		000	G21F005/002

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
DE 19512574A1	April 4, 1995	1995DE-1012574	
DE 19512574C2	April 4, 1995	1995DE-1012574	

INT-CL (IPC): B65 D 88/74; B65 D 90/02; B65 D 90/04; B65 D 90/06; G21 F 5/00;
G21 F 5/002; G21 F 9/00; G21 F 9/08

ABSTRACTED-PUB-NO: DE 19512574A

BASIC-ABSTRACT:

Radioactive material intended for storage is transported and/or stored in a
container (1), which has at least one inner container (2), in the form of a
drum, to accommodate the material being stored, on the outside of which is an

electric heater (6), covered by a layer of insulation (7) which also surrounds the base (4) and shell (3) of the inner container. An outer container (8) with removable lid (9) surrounds the inner container and is designed for mechanical protection of the stored material and radiation shield. A filling pipe (10) and suction pipe (11) pass through openings in the outer and inner containers and connect with the interior of the inner container. Pref. the inner container is of metal and/or plastic and the outer container is of metal, e.g. cast iron and/or concrete.

ADVANTAGE - Allows thermal treatment to be carried out on charge, e.g. for drying.

CHOSEN-DRAWING: Dwg.1/1

TITLE-TERMS: TRANSPORT STORAGE CONTAINER RADIOACTIVE MATERIAL HEAT INSULATE
INNER CONTAINER OUTER CONTAINER ALLOW THERMAL TREAT CHARGE

DERWENT-CLASS: K07 Q34

CPI-CODES: K07-A02A;

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1996-143102

Non-CPI Secondary Accession Numbers: N1996-384386